#10

RAW SEQUENCE LISTING DATE: 12/26/2000
PATENT APPLICATION: US/09/390,851 TIME: 14:13:42

Input Set : A:\sequence.txt
Output Set: N:\CRF3\12262000\I390851.raw

<110> APPLICANT: Pedersen, Henrik
Holder, Swen
Kjems, Jorgen
Lund, Mette
<120> TITLE OF INVENTION: Enzyme Activity Screen With Direct
Substrate Reloading
<130> FILE REFERENCE: 5655.204-US
<140> CURRENT APPLICATION NUMBER: US 09/390,851
<141> CURRENT FILING DATE: 1999-09-07
<150> PRIOR APPLICATION NUMBER: PA 1998 01043
<151> PRIOR FILING DATE: 1998-08-19
<150> PRIOR APPLICATION NUMBER: PA 1998 01107
<151> PRIOR FILING DATE: 1998-09-02
<160> NUMBER OF SEQ ID NOS: 13
<170> SOFTWARE: FastSEQ for Windows Version 4.0
<210> SEQ ID NO: 1
<211> LENGTH: 46
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Synthetic
<400> SEQUENCE: 1

```
Cys Gly Gly Ser Gly Gly Ser Gly Gly Ser Gly Gly Ser Ala Gln Leu
 1               5                  10                  15
Lys Lys Lys Leu Gln Ala Leu Lys Lys Lys Asn Ala Gln Leu Lys Trp
            20                  25                  30
Lys Leu Gln Ala Leu Lys Lys Lys Leu Ala Gln Gly Gly Cys
        35                  40                  45
```

<210> SEQ ID NO: 2
<211> LENGTH: 29
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Primer
<400> SEQUENCE: 2

```
acaactttca acggcgccag tttcagcgg                                    29
```

<210> SEQ ID NO: 3
<211> LENGTH: 39
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Synthetic
<400> SEQUENCE: 3

```
Gly Ala Ala Gln Leu Glu Lys Glu Leu Gln Ala Leu Glu Lys Glu Asn
 1               5                  10                  15
Ala Gln Leu Glu Trp Glu Leu Gln Ala Leu Glu Lys Glu Leu Ala Gln
            20                  25                  30
```

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68 Gly Gly Cys Pro Ala Gly Ala
69 35
71 <210> SEQ ID NO: 4
72 <211> LENGTH: 35
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Primer
79 <400> SEQUENCE: 4
80 actacaaatt ggcgccgctc agctcgaaaa agagc 35
82 <210> SEQ ID NO: 5
83 <211> LENGTH: 47
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Primer
90 <400> SEQUENCE: 5
91 aattataggc gccagccggg caaccgccct gagccagttc cttttcc 47
93 <210> SEQ ID NO: 6
94 <211> LENGTH: 42
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Primer
101 <400> SEQUENCE: 6
102 cgcgaattgg cccagccggc catggccgca acttcaacta aa 42
104 <210> SEQ ID NO: 7
105 <211> LENGTH: 37
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Primer
112 <400> SEQUENCE: 7
113 gcgaattggt gcggccgctt gacctgaatc agcgttg 37
115 <210> SEQ ID NO: 8
116 <211> LENGTH: 39
117 <212> TYPE: PRT
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Synthetic
123 <400> SEQUENCE: 8
124 Gly Ala Ala Gln Leu Glu Lys Glu Leu Gln Ala Leu Glu Lys Glu Asn
125 1 5 10 15
126 Ala Gln Leu Glu Trp Glu Leu Gln Ala Leu Glu Lys Glu Leu Ala Gln
127 20 25 30
128 Gly Gly Cys Pro Ala Gly Ala
129 35
131 <210> SEQ ID NO: 9
132 <211> LENGTH: 20

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PATENT APPLICATION: US/09/390,851 TIME: 14:13:42

Input Set : A:\sequence.txt
Output Set: N:\CRF3\12262000\I390851.raw

```
     133 <212> TYPE: DNA
     134 <213> ORGANISM: Artificial Sequence
     136 <220> FEATURE:
     137 <223> OTHER INFORMATION: Primer
     139 <400> SEQUENCE: 9
     140 gccgaagcgc aatgaagggc                                          20
     142 <210> SEQ ID NO: 10
     143 <211> LENGTH: 20
     144 <212> TYPE: DNA
     145 <213> ORGANISM: Artificial Sequence
     147 <220> FEATURE:
     148 <223> OTHER INFORMATION: Primer
     150 <400> SEQUENCE: 10
     151 gcccttcatt gcgcttcggc                                          20
     153 <210> SEQ ID NO: 11
     154 <211> LENGTH: 26
     155 <212> TYPE: DNA
     156 <213> ORGANISM: Artificial Sequence
     158 <220> FEATURE:
     159 <223> OTHER INFORMATION: Primer
     161 <400> SEQUENCE: 11
     162 gccgaagcgc aatgaagggc aacccg                                    26
     164 <210> SEQ ID NO: 12
     165 <211> LENGTH: 10
     166 <212> TYPE: DNA
     167 <213> ORGANISM: Artificial Sequence
     169 <220> FEATURE:
     170 <223> OTHER INFORMATION: Primer
     172 <221> NAME/KEY: misc_feature
     173 <222> LOCATION: (1)...(10)
     174 <223> OTHER INFORMATION: n = A,T,C or G
     176 <400> SEQUENCE: 12
W--> 177 nggcttaagn                                                    10
     179 <210> SEQ ID NO: 13
     180 <211> LENGTH: 10
     181 <212> TYPE: DNA
     182 <213> ORGANISM: Artificial Sequence
     184 <220> FEATURE:
     185 <223> OTHER INFORMATION: Primer
     187 <221> NAME/KEY: misc_feature
     188 <222> LOCATION: (1)...(10)
     189 <223> OTHER INFORMATION: n = A,T,C or G
     191 <400> SEQUENCE: 13
W--> 192 nccgaattcn                                                    10
```

VERIFICATION SUMMARY DATE: 12/26/2000
PATENT APPLICATION: US/09/390,851 TIME: 14:13:43

Input Set : A:\sequence.txt
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L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13